

CLAIMS

1. A data carrier (DC, DC₁, DC₂, DC₃) for carrying a data content (CONT) belonging to an authorized domain (AD), said data carrier comprising a data carrier data right management system (M-DRM), said data carrier data right management system being ruled by first rights (R₁) of exporting the data content (CONT) to a reading apparatus (RA), said authorized domain (AD) comprising a domain data right management system (AD-DRM), said domain data right management system being ruled by second rights (R₂) of exporting said data content (CONT) to a reading apparatus (RA), said second rights (R₂) depending on whether said authorized domain comprises said reading apparatus, said data carrier comprising:
 - said data content (CONT), stored within a data carrier data content file (CCF) having a data carrier format specified by said data carrier data right management system (M-DRM),
 - a data carrier license (ML) comprising said first rights (R₁),
 - a domain license (DL) comprising said second rights (R₂), said domain license (DL) being stored as a data carrier domain license file (CDLF) having said data carrier format.
2. A data carrier as claimed in claim 1, wherein said data carrier data content file (CCF) comprises a domain data content file (DCF) including said data content (CONT), and said data carrier domain license file (CDLF) comprises a domain license file (DLF) including said domain license (DL), said domain data content file (DCF) and said domain license file (DLF) having a domain format, said domain format being specified by said domain data right management system (AD-DRM).
3. A data carrier as claimed in claim 1, wherein said data content (CONT) stored within the data carrier data content file (CCF) has been converted from a domain format specified by said domain data right management system (AD-DRM) to the data carrier format (M-DRM).
4. A data carrier as claimed in claim 2, wherein said data carrier (DC₂) comprises a secure memory space (KL) for storing the data carrier license (ML) and the domain license (DL).

5. A data carrier as claimed in claim 2, wherein said data carrier license (ML) comprises said domain license (DL).

5 6. A writing apparatus (WA) for exporting a data content (CONT) from an authorized domain (AD) to a data carrier (DC, DC₁, DC₂, DC₃), said data carrier comprising a data carrier data right management system (M-DRM) that is ruled by first rights (R₁) of exporting the data content (CONT) from the authorized domain (AD) to the data carrier, said authorized domain comprising a domain data right management system (AD-DRM) that is ruled by second rights (R₂) of exporting the data content within the authorized domain, said writing apparatus comprising:

10 - embedding means for embedding said data content (CONT) into a data carrier data content file (CCF), said data carrier data content file having a data carrier format specified by the data carrier data right management system (M-DRM),

15 - domain data right management means for copying a domain license (DL) into the data carrier (DC, DC₁, DC₂, DC₃) as a data carrier domain license file (CDLF) having said data carrier format, said domain license (DL) comprising said second rights (R₂).

20 7. A reading apparatus (RA) for importing a data content (CONT) belonging to an authorized domain (AD) from a data carrier (DC, DC₁, DC₂, DC₃), said data carrier comprising a data carrier license (ML) comprising first rights (R₁) of exporting the data content (CONT) from said data carrier to said reading apparatus (RA), said data carrier further comprising a domain license (DL) comprising second rights (R₂) of exporting said data content from said data carrier to said reading apparatus (RA), said 25 second rights depending on whether said authorized domain (AD) comprises said reading apparatus (RA), said reading apparatus comprising:

25 - data carrier checking means for checking said data carrier license (ML) and outputting said first rights (R₁),

30 - domain checking means for checking said domain license (DL) and outputting said second rights (R₂),

30 - domain identification means for checking whether the reading apparatus (RA) belongs to the authorized domain (AD),

- data right application means for providing the reading apparatus (RA) with rights to access the data content (CONT), said rights depending on said first and second rights (R₁, R₂) and on whether the reading apparatus belongs to the authorized domain.

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8. A method of exporting a data content (CONT) from an authorized domain (AD) into a data carrier (DC, DC₁, DC₂, DC₃), said data carrier comprising a data carrier data right management system (M-DRM) that is ruled by first rights (R₁) of exporting the data content (CONT) from the authorized domain into the data carrier, said authorized domain (AD) comprising a domain data right management system (AD-DRM) that is ruled by second rights (R₂) of exporting the data content (CONT) within the authorized domain (AD), said method comprising the steps of:

- embedding (1) the data content (CONT) into a data carrier data content file (CCF), said data carrier data content file having a data carrier format specified by the data carrier data right management system (M-DRM),
- copying (2) a domain license (DL) into the data carrier (DC, DC₁, DC₂, DC₃), said domain license comprising said second rights (R₂).

9. A method of importing a data content (CONT) from a data carrier (DC, DC₁, DC₂, DC₃) to a reading apparatus (RA), said data content (CONT) belonging to an authorized domain (AD), said data carrier comprising a data carrier data right management system (M-DRM) that is ruled by first rights (R₁) of exporting the data content (CONT) from the data carrier to a reading apparatus, said authorized domain (AD) comprising a domain data right management system (AD-DRM) that is ruled by second rights (R₂) of exporting the data content (CONT) from the data carrier (DC, DC₁, DC₂, DC₃) to the reading apparatus (RA), said second rights (R₂) depending on whether the authorized domain (AD) comprises said reading apparatus, said method comprising the steps of:

- checking (3) a data carrier license (ML) stored in the data carrier, said data carrier related license comprising said first rights (R₁),
- checking (4) a domain license (DL) stored in the data carrier, said domain license comprising said second rights (R₂),
- identifying (5) whether the reading apparatus (AD) belongs to the authorized domain (AD),

- providing (6) the reading apparatus (RA) with rights to access the data content (CONT), said rights depending on said first and second rights (R₁, R₂) and on whether the reading apparatus belongs to the authorized domain.